

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of

Toshiyuki MIYABAYASHI, et al. Group Art Unit: 1714

Serial No. 09/976,671

Examiner: Callie E. Shosho

Filed: October 12, 2001

Attorney Docket No.: U 013667-3

For: METHOD OF PREPARATION OF POLYMER EMULSION AND INK
COMPOSITION COMPRISING THE POLYMER EMULSION

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

DECLARATION UNDER 37 CFR 1.132

I, Toshiyuki MIYABAYASHI, the undersigned, do hereby declare:

1. THAT I am a co-inventor of the invention described and claimed in the above patent application.

2. THAT the following experiments were conducted under my direction and control:

(1) Preparation of Ink I

Ink I was prepared in the same manner as described in the specification of the above application on page 57, line 30 to page 58, line 12 and Table B1 on page 59 as ink composition of Example B3 provided that 1,2-hexanediol was replaced with the

same amount of ion-exchanged water.

(2) Preparation of Ink II

Ink I was prepared in the same manner as described in the specification of the above application on page 57, line 30 to page 58, line 12 and Table B1 on page 59 as ink composition of Example B3 provided that trimethylolpropane was replaced with the same amount of ion-exchanged water.

(3) Evaluation of Inks I and II

Inks I and II thus obtained were evaluated with respect to 1) rubbing/scratch resistance, 2) anti-clogging property, 3) ejecting stability, 4) print quality, 5) print density, 6) storage stability and 7) fast drying property according to the same manner as described in the specification of the above application on page 60, line 1 to page 63, line 5. The results are as follows. The following table includes the results of the ink composition of Example B3 described in the specification of the above application.

| | Example B3 | Ink I | Ink II |
|-------------------------------|---------------|-------|--------|
| 1) rubbing/scratch resistance | A | A | A |
| 2) anti-clogging property | A | A | C |
| 3) ejecting stability | A | A | C |
| 4) print quality | A | C | A |
| 5) print density | A | C | A |
| 6) storage stability | A | A | C |
| 7) fast drying property | A | C | A |

3. I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may

jeopardize the validity of the application or any patent issued thereon.

May 15, 2006
Date

Toshiyuki Miyabayashi
Toshiyuki MIYABAYASHI